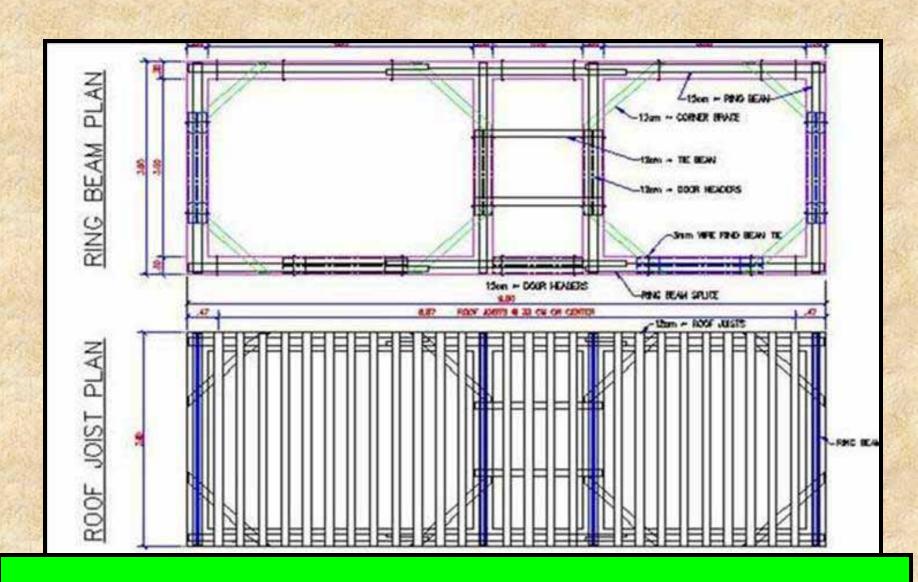
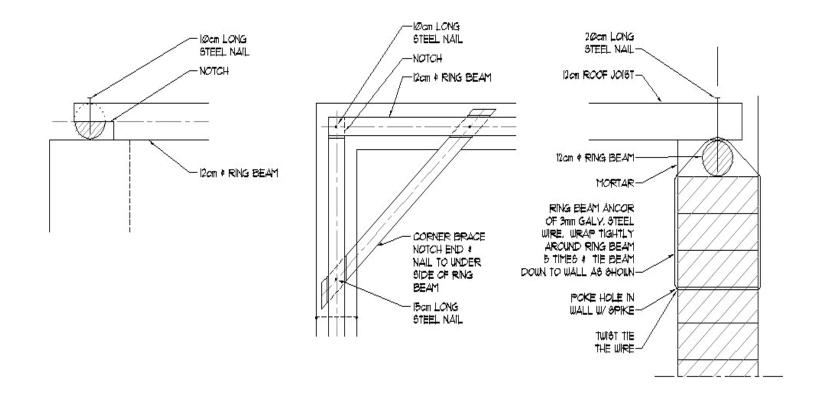


de dim ensions floor plan: 89' x 36' (net squar £24 sq.m. suitable for 7 persons ling to SPHERE standards @ 3.5 sq.m. per person)

#### Framing of Abode Shelter



**Protection & DRR as Well** 



RING BEAM

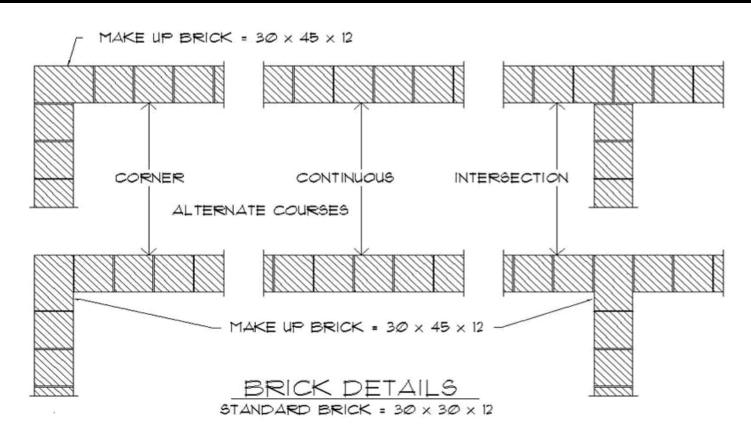
CORNER BRACE

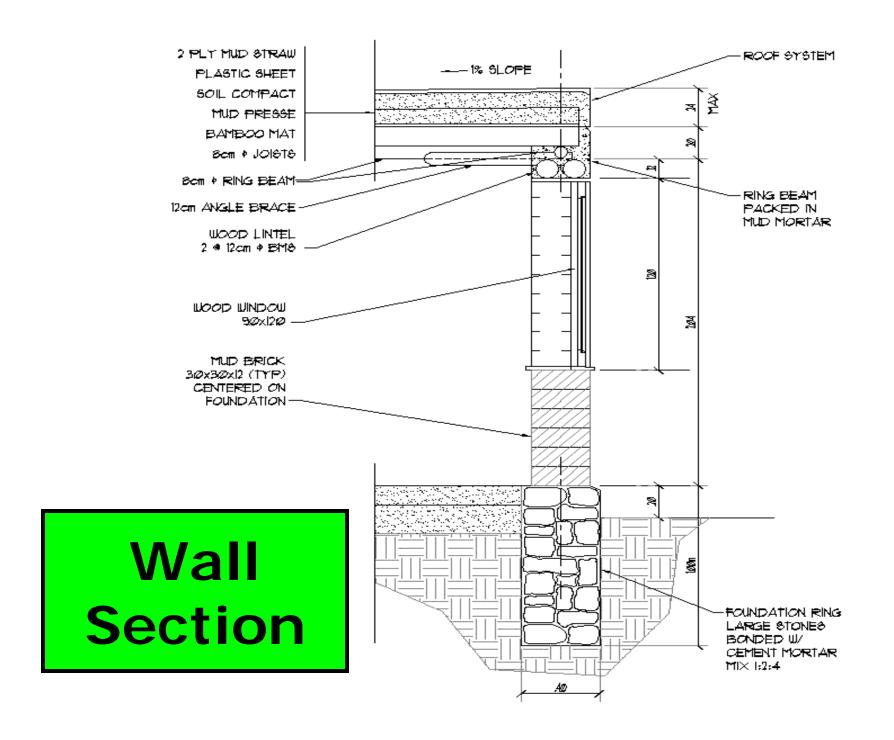
SCALE: 1: 25

RING BEAM TIE

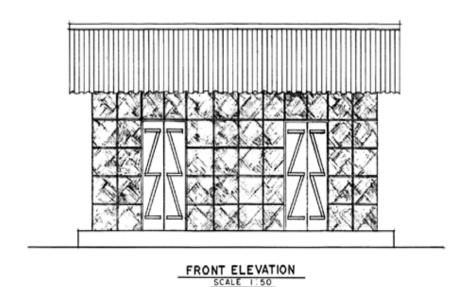
# Detail of Connected and Braced Ring Beam, and Roof Tied to Walls

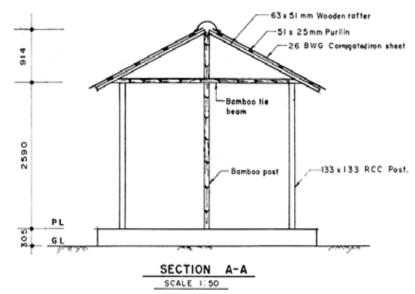
## Detail of Bricks Overlapping in Successive Courses, Interior Walls Tied to Exterior Walls

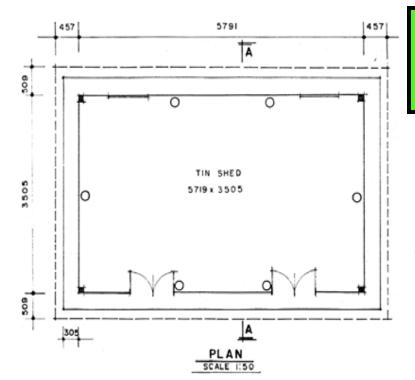




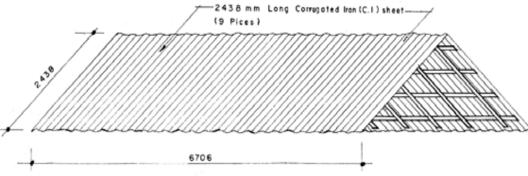


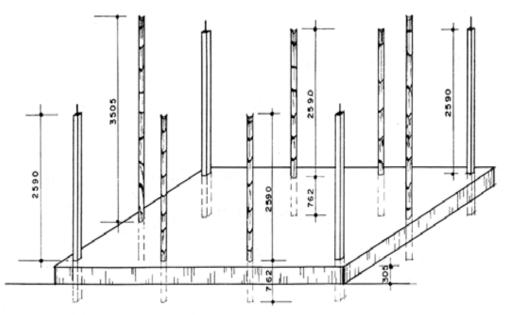




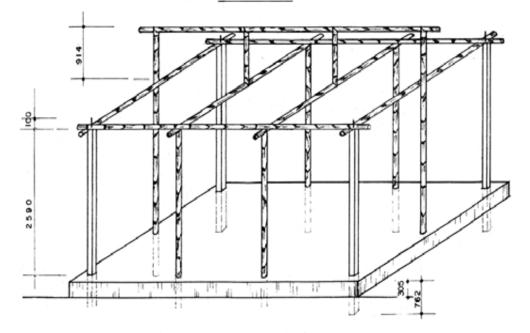


### **Basic GB Design**



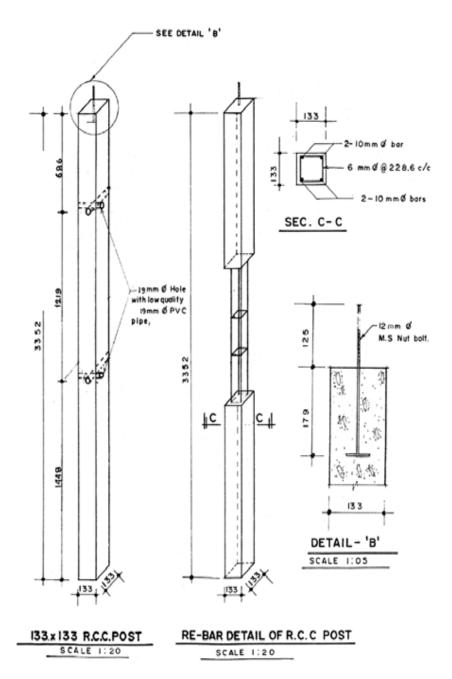


POSITION OF POST



FRAME OF TIN SHED HOUSE

SCALE 1: 50



DESIGN BY : ASRAFUL HASSAN B.Sc. Engr. (CIVIL)

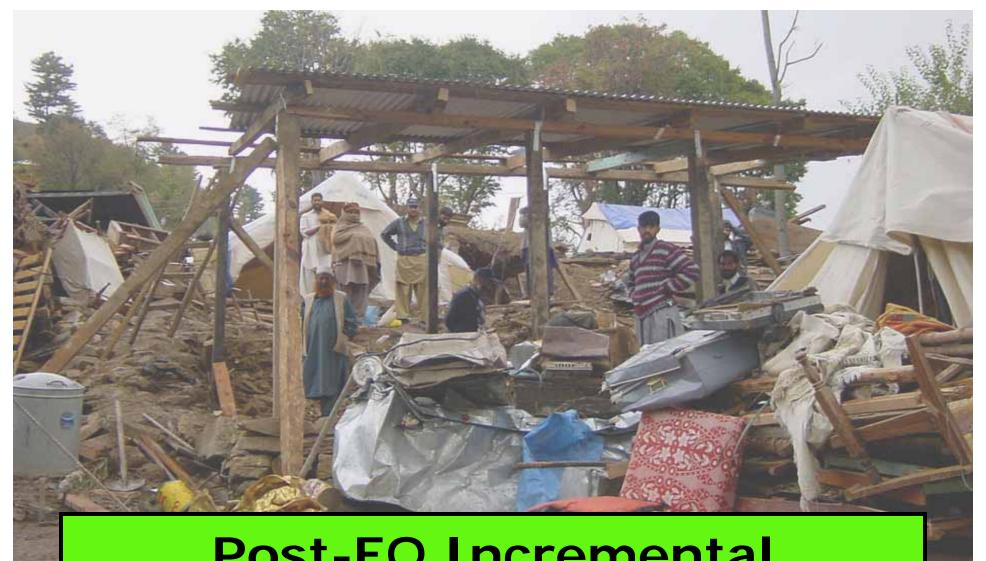






#### Wood Frame Transitional Shelter, Goma





Post-EQ Incremental Reconstruction, Pakistan; Note Metal Straps on Wood Framing



Bamboo Frame Transitional Shelter, Java, '06

#### Framing Includes Tire Strips!











Process and Product...



We Can Do This!

#### Lest We Forget: Framing Also Important in "Better" Buildings, Even When Using "Better" Materials!







